

CLAIMS AMENDMENT

Claims 1-16 (Canceled).

Claim 17 (Currently amended). An improved nucleic acid analyzer for amplifying and determining a DNA or RNA, wherein the improvement comprises:

~~the analyzer has a~~ at least one container ~~for holding~~ configured to hold a sample comprising nucleic acids ~~and for amplifying a portion of the nucleic acids,~~

~~the container can be electrically connected to~~ a first conductor and a second conductor electrically connected to said container,

~~the also has a circuit for applying a voltage across the first conductor and the second conductor~~ configured to control and provide a voltage across said first conductor and said second conductor,

whereby the voltage is applied to the sample in said container through said first conductor and said second conductor and facilitates the amplification and determination of the DNA or RNA .

Claim 18 (Currently amended). The analyzer of claim 17 wherein

~~the container~~

~~the~~ a part of said first conductor and ~~the~~ a part of said second conductor are introduced into ~~the sample containing the nucleic acids~~ located in said container.

Claim 19 (Currently amended). The analyzer of claim 17 wherein

~~the~~ a part of said first conductor and ~~the~~ a part of said second conductor are located adjacent to ~~the sample comprising nucleic acids~~ said container.

Claim 20 (Currently amended). The analyzer of claim 17 further comprising an apparatus ~~for receiving~~ configured to receive multiple

~~samples comprising nucleic acids~~ at the same time and to provide a new sample in said at least one container.

Claim 21 (Currently amended). The analyzer of claim 20 further comprising a process path ~~for receiving~~ configured to receive said the container, the said process path comprising a thermal regulation device configured to thermally regulate said container.

Claim 22 (Currently amended). The analyzer of claim 21 further comprising a transport system configured to transport said container along said process path from one location to another.

Claim 23 (Currently amended). The analyzer of claim 17 wherein ~~the~~ said circuit comprises a microcontroller configured to control said circuit.

Claim 24 (Currently amended). The analyzer of claim 17 wherein ~~the~~ said circuit comprises an adjustable voltage regulator configured to adjust the voltage.

Claim 25 (Currently amended). The analyzer of claim 17 wherein ~~the~~ said circuit comprises a polarity reversal relay configured to control the voltage.

Claim 26 (Currently amended). The analyzer of claim 17 wherein ~~the~~ said circuit is circuit 82 as illustrated in Figure 34.

Claim 27 (Currently amended). The analyzer of claim 17 ~~further comprising a pipettor wherein the pipettor comprises the~~ said first conductor comprises a pipettor.